
III. Summary: Projects of the Galveston Bay National Estuary Program

This section serves to summarize the work of some 75 projects of the GBNEP to date. In general, the Water Quality Act provides for seven purposes for National Estuary Programs (Table 7).

Table 7. Seven Purposes of National Estuary Programs Outlined in the Water Quality Act of 1987.

Purpose 1.	Assess trends in water quality, natural resources, and uses of the estuary.
Purpose 2.	Collect, characterize, and assess data on toxics, nutrients, and natural resources within the estuarine zone to identify the causes of environmental problems.
Purpose 3.	Develop the relationship between the in place loads and point and nonpoint loadings of pollutants to the estuarine zone and the potential uses of the zone, water quality, and natural resources.
Purpose 4.	Develop a comprehensive conservation and management plan that recommends priority corrective actions and compliance schedules addressing point and nonpoint sources of pollution to restore and maintain the chemical, physical, and biological integrity of the estuary, including restoration and maintenance of water quality, a balanced indigenous population of shellfish, fish and wildlife, and recreational activities in the estuary, and assure that the designated uses of the estuary are protected.
Purpose 5.	Develop plans for the coordinated implementation of the plan by the States as well as Federal and local agencies participating in the conference.
Purpose 6.	Monitor the effectiveness of actions taken pursuant to the plan.
Purpose 7.	Review all Federal financial assistance programs and Federal development projects in accordance with the requirements of Executive Order 12372, as in effect on September 17, 1983, to determine whether such assistance program or project would be consistent with and further the purposes and objectives of the plan(s) prepared under this section.

The remainder of this section is a "Project Status Table" which treats each of the GBNEP projects in detail, referring to the seven purposes, above. The sources and percentages of funds for each of the projects (except for a few cases otherwise noted) are: 75 percent federal (Section 320) and 25 percent state general revenue.

*Management Assessments***Project Title****Administrative Info****Project Status**

Bay-Wide Management Survey	University of Texas at Austin Funding: 60K(92) NEP Purpose: 4-5	Project complete. Being published as GBNEP-24 ENVIRONMENTAL MANAGEMENT INVENTORY OF GALVESTON BAY. Project identifies regulatory and management jurisdictions related to Bay for management planning in the CCMP.
Bay-Wide Management Evaluation	University of Texas at Austin Funding: 175K(92) NEP Purpose: 4-5	Draft final report received. Utilizes final results of Bay-Wide Management Survey and evaluates effectiveness of current Bay governance. For use in proposing regulatory changes in CCMP.
Segmentation of Galveston Bay	Jones and Neuse, Inc. Funding: 25K(91) NEP Purpose: 4-5	Project complete. Published as GBNEP-18 SEGMENTATION DEVELOPMENT FOR GALVESTON BAY
History of Resource Utilization I	University of Houston-Clear Lake Funding: 15K(91) NEP Purpose: 4	Project complete. Relates the history of human use of Galveston Bay.
History of Resource Utilization II	Margaret Henson Funding: 5K(92) NEP Purpose: 4	Project complete. Being published as GBNEP- . Completes history of resource utilization for publication.
Socioeconomics of Bay Utilization	University of Houston-Clear Lake Funding: 50K(91) NEP Purpose: 1,4	Project complete. Draft final report approved for Conference use by Management Committee (no publication). Socioeconomic study utilizes existing data and 1990 census figures. Additional efforts coordinated with Glenda Callaway and H-GAC to develop tables and figures suitable for inclusion in the Characterization Report.
Natural Resource Economics	University of North Carolina Funding: 100K(93) NEP Purpose: 1,4	Project contract initiated and work underway. Non-traditional resource valuation study designed to indicate a more realistic value for Bay than can be accomplished by traditional economics.
Funding Source Inventory	University of Texas at Austin Funding: 25K(92) NEP Purpose: 4-6	Project complete. Final document approved for Conference use by Management Committee (no publication). Creates an inventory of possible funding sources for CCMP implementation, for use by Financial Planning Committee and Management Conference in drafting a financial plan.
CCMP Action Plan Costing	Apogee Research, Inc. Funding: 60K(93) NEP Purpose: 4-6	Contract being initiated, work underway. Estimates costs of initiatives developing for the CCMP, for use in establishing a funding plan for implementation.
CCMP Federal Consistency Survey	Not awarded Funding: 30K(94) NEP Purpose: 7	Contract not yet initiated. Reviews federal programs for consistency with CCMP.
CCMP Funding Strategy	Not awarded Funding: 40K(94) NEP Purpose: 4-6	Contract not yet initiated. Establishes fund sources, revenue projections, and relates fiscal management to program costs for implementation of the CCMP.I

 = Project Completed

*Management Assessments***Project Title****Administrative Info****Project Status**

CCMP Implementation Strategy	Not awarded Funding: 100K(94) NEP Purpose: 4-6	Contract not yet initiated. Establishes commitments, time lines and other elements for implementation of the CCMP.
CCMP Participation by Local Governments	Not awarded Funding: 20K(94) NEP Purpose: 4-6	Contract not yet initiated. Facilitates involvement of local governments in CCMP development and implementation; specifically provides budget for the Local Governments Advisory Committee of the GBNEP.

*Scientific / Technical Assessments***Project Title****Administrative Info****Project Status**

Point Source Loading Study	University of Texas at Austin Funding: 60K(91) NEP Purpose: 1-3	Draft final report overdue but expected to be submitted in March, 1993. Project synthesizes existing point source data in overall loading study.
Shoreline Survey for Unpermitted Point Sources	Texas A&M University, GERG Funding: 30K(90) NEP Purpose: 3	Project complete. Published as GBNEP-12 SHORELINE SURVEY FOR UNPERMITTED DISCHARGES TO GALVESTON BAY
Non-Point Source Loading Study	Groundwater Services, Inc. Funding: 125K(91) NEP Purpose: 1-3	Project complete. Published as GBNEP-15 VOLUME 1: CHARACTERIZATION OF NON-POINT SOURCES AND LOADINGS TO GALVESTON BAY and VOLUME 2: FIGURES (color atlas). Non-point loadings to Galveston Bay are summarized and ranked by subwatershed and contaminant source. Utilizes LANDSAT data and geographic information system approach.
Treated/Untreated Effluent Loadings	Texas Water Commission Funding: 10K(93) NEP Purpose: 1-3	Project initiated. Project will summarize existing data for pollution sources including bypasses/overflows, storm water discharges, and septic tanks. To coordinate with a similar EPA study of small municipalities around the Bay.
Ambient Water/Sediment Quality	University of Texas at Austin Funding: 100K(91) NEP Purpose: 1-3	Project complete. Published as GBNEP-22 AMBIENT WATER AND SEDIMENT QUALITY OF GALVESTON BAY. Technical supplement will follow in limited numbers. Project establishes status and trends for water quality using existing data and a subdivision of the Bay in segments. Based on major synthesis of 26 data sets.
Dredge/Fill Impacts	University of Texas at Austin Funding: 25K(92) NEP Purpose: 1-3	Draft final report received and review initiated. Summary of existing data on dredge/fill activity in estuary.
Toxicants in Sediment and Benthos	U. S. Fish and Wildlife Service Funding: 100K(92) NEP Purpose: 1-3	Draft final report received and review process underway. New data collection of sediment and benthic organisms from sites including suspected toxic "hotspots." Determination of degree of toxicity present. Comparison of EPA and USFWS methodologies.
Oyster Survey	Texas A&M University Funding: 80K(90); 30K(92); 50K(93) NEP Purpose: 1-3	Initial mapping efforts complete, initial map generation complete. Project uses sonar and global positioning system technology to map reefs using a geographic information system. Oysters were collected for oyster health determination.
Living Resources Status and Trends	Texas Parks and Wildlife Department Funding: 125K(91); 40K(92) NEP Purpose: 1-2	Work complete for status and trends report. Publication GBNEP-19 STATUS AND TRENDS OF SELECTED LIVING RESOURCES IN THE GALVESTON BAY SYSTEM. Review process underway for probable causes report. Existing data compiled and analyzed for numerous Bay species with emphasis is on trend determination and probable causes.

 = Project Completed

Scientific/Technical Assessments

Project Title	Administrative Info	Project Status
Trawling By-Catch	National Marine Fisheries Service Funding: 65K(92) NEP Purpose: 1-3	Field work completed. Data compilation and analyses ongoing. Study collects bycatch data from selected boats in shrimp fleet, to evaluate magnitude of incidental catch of non-target organisms in trawls.
Recreational By-Catch	FTN Associates, LTD Funding: 10K(92) NEP Purpose: 1-3	Project Complete. Report being published as GBNEP-25. Existing data utilized to estimate magnitude of recreational catch of non-target organisms and possible implications for species management.
Non-Fishing Incidental Mortality	Jones and Neuse, Inc. Funding: 15K(92); 7 K(93) NEP Purpose: 1-3	Initial work completed. Draft final report reviewed. Management Committee has requested additional data analyses beyond original contract be performed and included in document. A contract to perform the additional work has been initiated and work efforts have been completed. Incidental mortalities are estimated for Bay organisms resulting from human activities, including: impingement on intake screens, dredge operations, and petroleum activities.
Wetland Habitat Survey	Bureau of Economic Geology Funding: 40K(90); 151K(91); 50K(92) NEP Purpose: 1-2	Draft final report in review. PUBLICATION GBNEP-16 WETLAND COMMUNITIES, GALVESTON BAY SYSTEM (related report) describes wetland plant communities based on a portion of project. Final report will outline trends for Bay habitats emphasizing wetlands. Based on remote sensing for 1956, 1979, and 1989 and digitizing for geographic information system analyses.
Ecosystem Conceptual Model	McFarlane & Associates Funding: 15K(92) NEP Purpose: 1-4	Work efforts ongoing. Series of diagrams and narrative report based upon ecological linkages among Bay habitats, as influenced by man. Model to be presented in three tiers of complexity for public, managers, and scientists.
Bay Debris Survey	Texas Parks and Wildlife Department Funding: 9.5K(93) NEP Purpose: 2	Project initiated. Field data collection (not part of this project, using outside volunteers) being concluded. Statistical summary of Bay trash and debris based on shoreline transects, for use in determining magnitude of debris problem.
Toxicants in Seafood Organisms	Texas A&M University, GERG Funding: 140K(90) NEP Purpose: 1-3	Project complete. Published as GBNEP-20 TOXIC CONTAMINANT CHARACTERIZATION OF AQUATIC ORGANISMS IN GALVESTON BAY. Human consumption risk analyses for contaminants in seafood. Based on new data for tissue concentrations of contaminants from five species collected from four widely separated Bay sites.
Public Health Synopsis	Espey, Huston & Associates Funding: 40K(92) NEP Purpose: 1-3	Project complete. Published as GBNEP-21 CHARACTERIZATION OF SELECTED PUBLIC HEALTH ISSUES IN GALVESTON BAY. Characterization of shellfish bed closures, sources of bacterial contamination, and violations of contact recreation water quality standards.
Monitoring/Data Management Strategy Development	Tetra Tech, Inc. Funding: 100K(93) NEP Purpose: 6	Project ongoing. Regional monitoring strategy development at the ecosystem level involving agencies that currently monitor the Bay. For use in future monitoring of CCMP effectiveness and overall estuarine health.

 = Project Completed

Scientific / Technical Assessments

Project Title	Administrative Info	Project Status
Regional Monitoring Methods Standardization	Not awarded Funding: 65K(94) NEP Purpose: 6	Project not yet initiated. Develops standardized methods, in the form of a manual, for implementation of the Galveston Bay Regional Monitoring strategy. Integrates the methods used by multiple agencies.
Galveston Bay Information Center	Texas A&M at Galveston; TIO Funding: 135K(90); 100K(91); 60K(92); 45K(93) NEP Purpose: 4	Work ongoing. Information Center established and open at Texas A&M University at Galveston. Information resources being acquired: maps videos, reports, books, papers. Computer information systems on line, including COMPAS (Coastal Ocean Management, Planning, and Assessment System). Current work is development of strategic plan for future, creation of user's guide, and continuing acquisitions.
Galveston Bay Bibliography	Texas A&M at Galveston; TIO Funding: (within above project) NEP Purpose: 4	Final Draft of Bibliography (containing approximately 4300 citations) approved by Management Committee and in press. Supplemental Bibliography (500 citations) being prepared for current year. Bibliography summarizes known publications, gray literature, reports, maps, videos, and other works pertaining to the Bay.
Acquisition of 1930 Aerial Photo Set	TOBIN Funding: 16.3K(90) NEP Purpose: 4	Project complete. Reproduced negatives and one set of prints are archived at TNRIIS. Second set of prints available at Galveston Bay Information Center. Photos are oldest known systematic aerial photo set of the Bay, acquired and reproduced from deteriorating nitrate film for use in future studies.
State of the Bay Symposia	GBNEP Program Office Funding: 10K(93) NEP Purpose: 1-3	Project complete. First State of the Bay Symposium (Galveston Bay Characterization Workshop) held February 21-23, 1991. Published as GBNEP-6 PROCEEDINGS, GALVESTON BAY CHARACTERIZATION WORKSHOP, 56 papers; reprinted due to high demand. Second State of the Bay Symposium held February 4-6, 1993. Published as GBNEP-23 PROCEEDINGS, THE SECOND STATE OF THE BAY SYMPOSIUM, 59 papers; being reprinted due to high demand. Project contributes to drafting of characterization report; expected to become a biannual event.

 = Project Completed

*Coastal Preserves***Project Title****Administrative Info****Project Status**

Nomination for Preserve Status	Bureau of Economic Geology Funding: 15K(90) Action Plan Demonstration Funds NEP Purpose: 1-6	Project complete. Unpublished slide presentation and script available at Program Office. Preserves were successfully designated as planned.
Tide Gauge Recon/Purchase	General Land Office Funding: 23.7K(90) Action Plan Demonstration Funds NEP Purpose: 1-6	Project complete. Tide gages purchased for installation in coastal preserves. Tide data necessary to determine mean high tide boundary of public land defining preserves, and necessary for management.
Tide Gauge Installation	General Land Office Funding: 27.5K(91) Action Plan Demonstration Funds NEP Purpose: 1-6	Project complete. Gages installed.
Environmental Inventories	Galveston Bay Foundation Funding: 28K(90) Action Plan Demonstration Funds NEP Purpose: 1-2	Project complete. Published as GBNEP-7 AN ENVIRONMENTAL INVENTORY OF THE CHRISTMAS BAY COASTAL PRESERVE and GBNEP-8 AN ENVIRONMENTAL INVENTORY OF THE ARMAND BAYOU COASTAL PRESERVE. Reports describe each environment from a management needs perspective.
Regulatory Surveys	Houston-Galveston Area Council Funding: 22K(90) Action Plan Demonstration Funds NEP Purpose: 4-5	Project complete. Published as GBNEP-9 REGULATORY SURVEY FOR THE CHRISTMAS BAY COASTAL PRESERVE and GBNEP-10 REGULATORY SURVEY FOR THE ARMAND BAYOU COASTAL PRESERVE. Regulatory jurisdictions are described for use in drafting management plans, and as a case study for development of the Bay-wide CCMP.
Regulatory Evaluations	Houston-Galveston Area Council Funding: 22K(90) Action Plan Demonstration Funds NEP Purpose: 4-5	Project complete. Published as GBNEP-13 REGULATORY EFFECTIVENESS STUDY FOR THE ARMAND BAYOU COASTAL PRESERVE and GBNEP-14 REGULATORY EFFECTIVENESS STUDY FOR THE ARMAND BAYOU COASTAL PRESERVE. Regulatory effectiveness is evaluated based on the recognized needs for improved management of the areas designated as preserves.

 = Project Completed

Coastal Preserves

Project Title	Administrative Info	Project Status
Phase I Management Plans	Texas Parks and Wildlife Department Funding: 5K(90) Action Plan Demonstration Funds NEP Purpose: 4	Project complete; no final report involved. Project initiated drafting of coastal preserves management plans.
Phase II Management Plans	Texas Parks and Wildlife Department Funding: 30K(91) Action Plan Demonstration Funds NEP Purpose: 4	Project complete. Plans will be implemented by Texas Parks and Wildlife Department in coordination with various agencies with jurisdictions affecting the preserves.
Phase I Management Implementation	Texas Parks and Wildlife Department Funding: 6K(91) Action Plan Demonstration Funds NEP Purpose: 5	Project complete. Initiation of management implementation.
Phase II Management Implementation	Texas Parks and Wildlife Department Funding: 30.5K(92) Action Plan Demonstration Funds NEP Purpose: 5	Project ongoing. Continuing implementation of coastal preserves management plans
Public Participation for Preserves	GBNEP Program Office Funding: 1.6K(91) Action Plan Demonstration Funds NEP Purpose: 4	Project complete. Public meetings and participation utilized in determining plans and uses for coastal preserves.

 = Project Completed

Public Participation

Project Title	Administrative Info	Project Status
Citizens' Monitoring I	Texas Water Commission Funding: 25K(90) (state funds only) NEP Purpose: 1-3	Project complete. Established a monitoring plan (unpublished) and oversight committee for future implementation.
Citizens' Monitoring II	Texas Water Commission Funding: 25K(91); 25K(92) NEP Purpose: 1-3	Final report in review. Citizen monitoring established for Armand Bayou and additional development undertaken for expansion Bay-wide.
Citizens' Monitoring III	Galveston Bay Foundation Funding: 28K(93) NEP Purpose: 1-3	Project ongoing. Expansion of Citizen Monitoring Bay-wide and establishment of program as permanent activity coordinated by Galveston Bay Foundation.
BayLine Newsletter	GBNEP Program Office Funding: 9.6K(90); 10K(91); 10K(92); 15K(93); 20K(94) NEP Purpose: all	Published quarterly, thirteen issues to date. Mailing list is 8,600 and growing.
Portable Information Display	GBNEP Program Office Funding: 2K(90); 2K(91); 2K(92); 2K(93); 2K(94) NEP Purpose: all	Ongoing. Exhibit displayed at more than 35 events to date involving app. 250,000 people. Displayed at boat shows, festivals, symposiums, etc.
GBNEP Publication Series	GBNEP Program Office Funding: 26.6K(90); 54.8K(91); 88.1K(92); 117K(93); 163.2(94) NEP Purpose: all	Ongoing. Twenty-four publications to date.
Video: Balancing Act (Armand Bayou and Christmas Bay Coastal Preserves)	SeaGrant Funding: 10K NEP Purpose: all	Project complete. Produced and distributed VIDEO: BALANCING ACT concerning the creation and management of two new coastal preserves for Galveston Bay.
Video: Oil Spills	Texas Water Commission Funding: State funds only NEP Purpose: all	Project complete. Produced and distributed VIDEO: OIL SPILLS: MARINE RESOURCES AS RISK, in coordination with Texas Water Commission.
Video: Public Service Announcement	Texas Water Commission Funding: 7.5K(90) (state funds only) NEP Purpose: all	Project complete. Produced a 3-4 minute public service announcement video for distribution to TV stations.
Video: User Conflicts	University of Houston Funding: 12.7K(90) NEP Purpose: all	Project complete. Produced and distributed fifteen-minute VIDEO: CONFLICTING USES OF GALVESTON BAY. Reinforces the need for comprehensive management by educating the public about impacts and conflicting uses of the Bay.

 = Project Completed

*Public Participation***Project Title****Administrative Info****Project Status**

Video: Oyster Conservation	University of Houston Funding: 13K(90) NEP Purpose: all	Project complete. Produced and distributed twelve-minute VIDEO: OYSTER HARVESTING AND CONSERVATION IN GALVESTON BAY. Emphasizes habitat, fresh water inflow and salinity, and the effects of pollutants on oysters.
Video: Galveston Bay Ecosystem	Texas Water Commission Funding: 17K(91) NEP Purpose: all	Project complete. Produced and distributed twenty-two minute VIDEO: THE GALVESTON BAY ECOSYSTEM. Illustrates the ecological components of the Bay and how they work together and are affected by humans.
Video: 3-4 Minute Promotional	Texas Water Commission Funding: 2.5 K NEP Purpose: all	Project complete. Produced a 4-minute video emphasizing how the public can get involved with the GBNEP. For use primarily with the GBNEP portable information display
Bay Day	Galveston Bay Foundation Funding: 4.5K(90); 25K(91); 25K(92); 25K(93) NEP Purpose: all	Annual festival ongoing. Conceived of and established jointly with the GBF. Family event designed to enhance Bay awareness in a fun setting. About 10,000 attendance in 1991; 15,000 in 1992. Plan is for event to become permanent and self-sustaining.
Public Education/Outreach	GBNEP Program Office Funding: 10K(90); 25K(91); 30K(92); 40K(93); 38K(94) NEP Purpose: all	Ongoing projects. Student art calendar; essay contest; school book covers; science fair award program; teacher training for water education teams (WET); poster production; volunteer teacher outreach to classrooms. All projects relate to improved understanding of and appreciation for Bay stewardship.
Pollution Awareness/Reporting	GBNEP Program Office Funding: 25K(93) NEP Purpose: all	Ongoing. Coordinated with Citizens' Pollution Reporting and Response System to enhance awareness of Bay and its problems. Aimed at pollution prevention, reporting, and enforcement. Includes storm drain stenciling: "Don't Dump—Drains to Bay" and promotional items.
Media Relations	GBNEP Program Office Funding: 3K(90); 15K(93); 10K(94) NEP Purpose: all	Project ongoing. Past projects included media boat tour of Bay. FY '93 includes routine proactive media communications about CCMP development and special projects (like storm drain stenciling), as well as answering media inquiries about the Bay.
Special Kick-off Events	GBNEP Program Office Funding: 4.8K(90) NEP Purpose: all	Project complete. Two events, one to kick off the Program (Senator Phil Gramm, guest of honor), and one to announce creation of two coastal preserves (Senator Bentsen, guest of honor).
Consensus-Building Survey/Training	University of Houston-Clear Lake Funding: 5.4K(90) NEP Purpose: all	Project complete. Project to facilitate member participation in Management Conference. Included member survey for expectations and opinions, followed by recommendations for overcoming obstacles and duplicating successes.
Local Government Advisory Committee Support	GBNEP Program Office Funding: 10K(93) NEP Purpose: all	Project ongoing, coordinated with H-GAC. Local Government Focus Group workshop, for elected officials and staff, is tentatively scheduled for summer, 1993, to evaluate the draft Action Plans.

 = Project Completed

Public Participation

Project Title	Administrative Info	Project Status
Speakers Bureau/Public Meetings	GBNEP Program Office Funding: 7.7K(90); 17K(91); 7K(92); 14K(93); 10.7K(94 for Speaker's Bureau); 50K(94) for Public Meetings NEP Purpose: all	Project ongoing. Speakers from GBNEP Program Office and committees routinely give talks on the Bay and its management. Six Public Forum meetings were convened as a mechanism to receive public input on Bay problems and management approaches for the CCMP. Over 350 people attended in November, 1992, with comments from 42, and 25 written comments received in the GBNEP office.
Promotions	GBNEP Program Office Funding: 5K(91); 10K(92); 5K(94) NEP Purpose: all	Project ongoing (91 and 92 portions complete). Purchase of items for use in promotions and for distribution in conjunction with portable display: T-shirts, buttons, bags, etc.
Management Conference Workshop	GBNEP Program Office Funding: 8.8K(90); 10K(93); 12K(94) NEP Purpose: all	Project ongoing. Annual workshop convening all committees to facilitate consensus-building. Past workshops established a work plan for the coming year. 1993 workplan will also focus on drafting the CCMP.

*Early Action Demonstration Projects***Project Title****Administrative Info****Project Status**

Shoreline Erosion/Habitat Creation	U. S. Soil Conservation Service Funding: 130K(91) (75K federal; 55K non- federal) Action Plan Demonstration Funds NEP Purpose: 5	Project ongoing. All field work has been initiated and monitoring of created marshes continues. Final summary report expected. Creation of marshes using volunteers to plant chord grass.
Ship Channel Pollution Prevention	Texas Water Commission Funding: 133.3K(92) Action Plan Demonstration Funds NEP Purpose: 5	Project ongoing. Potential industry participants have been identified and a training workshop conducted. Pollution prevention by training for improved waste process management and source reduction.
Citizens' Pollution Reporting and Response System (Hotline) Development	Galveston Bay Foundation Funding: 20K(91) NEP Purpose: 5	Project complete. Produced unpublished strategic plan for use in creation of the Citizens' Pollution Reporting and Response System.
Citizens' Pollution Reporting and Response System (Hotline) Promotions	Texas Water Commission Funding: 9.5K(91) NEP Purpose: 5	Project complete. Initial publicity push for the Citizens' Pollution Reporting and Response System.
Citizens' Pollution Reporting and Response System (Hotline) Implementation	GBNEP Program Office Funding: 133.3K(92) Non NEP funds NEP Purpose: 5	Project ongoing. Cooperative Agreement being extended through August, 1993. Hotline is currently successfully functioning, with over 500 calls taken, including extensive staff follow-up (with response agencies and citizen callers) comprising a large portion of the effort. Hotline functions similar to 911 service.
Oyster Reef Creation from Coal Combustion Byproducts	Port of Houston Funding: 291.9K(93) Action Plan Demonstration Funds NEP Purpose: 5	Project ongoing. Project being contracted directly from EPA Region 6. Work Plan approved by Management Conference. Uses coal combustion by-products in creation, placement, and monitoring of oyster reefs in Galveston Bay.

 = Project Completed